

1AP7 Rec'd PCT/PTO 03 APR 2006

Express Mail No. EQ104733392US

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER NBI07.0232US
INTERNATIONAL APPLICATION NO. PCT/NL2004/000682		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not yet assigned <span style="font-size: 1.5em; font-weight: bold;">10/574436</span>
INTERNATIONAL FILING DATE October 1, 2004		PRIORITY DATE CLAIMED October 3, 2003
TITLE OF INVENTION SUBSTITUTED PYRIMIDINES AS LIGANDS OF ADENOSINE RECEPTORS		
APPLICANT(S) FOR DO/EO/US Lisa C. W. CHANG, Adriaan P. IJZERMAN, and Johannes BRUSSEE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1AP20 Received PTO 03 APR 2006

Express Mail No. EQ104733392US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/574436</b>		INTERNATIONAL APPLICATION NO. PCT/NL2004/000682		ATTORNEY'S DOCKET NUMBER NBI07.0232US	
20. Other items or information: * Pre-paid return postcard * Express Mail No. EQ104733392US					
The following fees have been submitted				<b>CALCULATIONS      PTO USE ONLY</b>	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	300.00
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	5 - 20 =	0	x \$ 50	\$	0.00
Independent claims	1 - 3 =	0	x \$200	\$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$	900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$	900.00
				Amount to be refunded:	\$
				Amount to be charged	\$

10/574436


Express Mail No. EQ104733392US

- AP20 REC U PCT/PTO 03 APR 2006
- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 503279 in the amount of \$ \$900.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 503279. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Richard H. Pagliery  
Neurocrine Biosciences, Inc.  
12790 El Camino Real  
San Diego, CA 92130  
Phone: 858-617-7280  
Fax: 858-777-3488  
Email: [rpagliery@neurocrine.com](mailto:rpagliery@neurocrine.com)

  
SIGNATURE  
Richard H. Pagliery  
NAME  
44,276  
REGISTRATION NUMBER

10/574436  
IAP20 Rec'd PCT/PTO 03 APR 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lisa C. W. CHANG, et al.

For: SUBSTITUTED PYRIMIDINES AS  
LIGANDS OF ADENOSINE  
RECEPTORS

Serial No. : To be assigned

Int'l Application No.:  
PCT/NL2004/000682

Int'l Filing Date: October 1, 2004

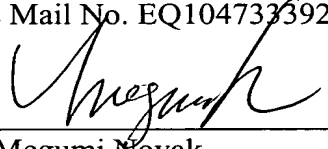
Priority Date Claimed: October 3, 2003

Attorney Docket No.:  
NBI07.0232US

I hereby certify that this paper (along with any paper or material referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Date of Deposit: April 3, 2006

Express Mail No. EQ104733392US

  
By: Megumi Novak

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**US NATIONAL STAGE ENTRY UNDER 35 USC 371**  
**COVER LETTER**

Dear Sir or Madam:

Enclosed herewith please find the following documents pertaining to the national stage entry into the United States of America for the above-referenced PCT application:

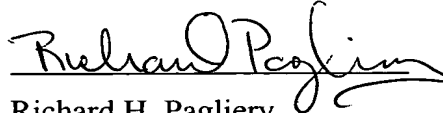
- 1) US National Stage Entry Cover letter (2 sheets), including Certification under 37 CFR 1.10;
- 2) Transmittal Letter to the DO/EO/US Concerning A Submission Under 35 USC 371—Form PTO-1390 (3 sheets, in duplicate);
- 3) Application Data Sheet (3 sheets);
- 4) A copy of the International application as filed (45 sheets);
- 5) Declaration for Utility or Design Patent Application (executed, 3 sheets);
- 6) Preliminary Amendment (8 sheets);

10/574436

- 7) Express Mail No. EQ104737492US and **10/574436**  
8) Pre-paid Return Postcard. **APR 03 2006**

Please direct all correspondence concerning this application to the undersigned at the address and phone number provided below.

Respectfully Submitted,



Richard H. Pagliery  
Registration No. 44,276  
Attorney for Applicants

Neurocrine Biosciences, Inc.  
Legal Affairs Dept.  
12790 El Camino Real  
San Diego, CA 92130  
Phone: 858-617-7280  
Facsimile: 858-777-3488  
E-Mail: [rpagliery@neurocrine.com](mailto:rpagliery@neurocrine.com)

Date: April 3, 2006